

To: Technology Center: 2661  
Facsimile Number: 571-273-8300

Total Pages Sent: 13  
**RECEIVED  
CENTRAL FAX CENTER  
OCT 24 2005**

From: Abdul Zindani  
Texas Instruments Incorporated  
Facsimile: 972-917-4418  
Phone: 972-917-5137

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of

Ian J. Sherlock	Docket No.: TI-33724
Serial No.: 10/033,006	Art Unit: 2661
Filed: December 28, 2001	Examiner: Michael P. Chuen
Customer No. 23494	Conf. No.: 7861

For: System and Method for Detecting and Locating Interferers in a Wireless Communication System

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 571-273-8300 on the date shown below:

Marianna Smith  
Marianna Smith

10-24-05  
Date

**FACSIMILE COVER SHEET**

<input checked="" type="checkbox"/> <b>FACSIMILE COVER SHEET</b>	<input checked="" type="checkbox"/> <b>AMENDMENT</b> <u>111</u> (11 Pages)
<input type="checkbox"/> <b>NEW APPLICATION</b>	<input type="checkbox"/> <b>EOT</b> <u>(# Page)</u>
<input type="checkbox"/> <b>DECLARATION (# Pages)</b>	<input type="checkbox"/> <b>NOTICE OF APPEAL (# Pages)</b>
<input type="checkbox"/> <b>ASSIGNMENT (# Pages)</b>	<input type="checkbox"/> <b>APPEAL</b> <u>(# Pages)</u>
<input type="checkbox"/> <b>FORMAL DRAWINGS</b>	<input type="checkbox"/> <b>ISSUE FEE (# Pages)</b>
<input type="checkbox"/> <b>INFORMAL DRAWINGS</b>	<input type="checkbox"/> <b>REPLY BRIEF (IN TRIPLICATE) (# Pages)</b>
<input type="checkbox"/> <b>CONTINUATION APP'N (# Pages)</b>	<input checked="" type="checkbox"/> <b>Amendment Fee Trans (1 Page)</b>
<input type="checkbox"/> <b>DIVISIONAL APP'N</b>	
<b>NAME OF INVENTOR(S):</b> Ian J. Sherlock	
<b>TITLE OF INVENTION:</b> System and Method for Detecting and Locating Interferers in a Wireless Communication System	
<b>TI FILE NO.:</b> <b>TI-33724</b>	<b>DEPOSIT ACCT. NO.:</b> <b>20-0668</b>
<b>FAXED:</b> 10/24/2005 <b>DUE:</b> 12/23/2005 <b>ATTY/SEC'Y:</b> AZ/ms	
<b>RECEIPT DATE &amp; SERIAL NO.:</b> <b>Serial No.: 10/033,006</b> <b>Filing Date:</b> December 28, 2001	

**RECEIVED  
OIP/EI/AP  
OCT 24 2005**

This facsimile is intended only for the use of the address named and contains legally privileged and/or confidential information. If you are not the intended recipient of this telecopy, you are hereby notified that any dissemination, distribution, copying or use of this communication is strictly prohibited. Applicable privileges are not waived by virtue of the document having been transmitted by Facsimile. Any misdirected facsimiles should be returned to the sender by mail at the address indicated on this cover sheet.

Texas Instruments Incorporated  
PO Box 655474, M/S 3999  
Dallas, TX 75265

OCT 24 2005

U.S. PATENT AND TRADEMARK OFFICE  
AMENDMENT TRANSMITTAL FORM

TI-33724  
Attorney Docket No.

In re the Application of

Ian J. Sherlock

Serial No: 10/033,006

Filed: December 28, 2001

Conf. No.: 7861

For: System and Method for Detecting and Locating Interferers in a Wireless Communication System

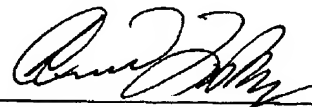
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application. The fee has been calculated as shown below:

CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMT.		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total Claims	39	Minus	36	= 3	x \$50 =	\$ 150.00
Independent Claims	7	Minus	4	= 3	x \$200 =	\$ 600.00
TOTAL ADDITIONAL FEE FOR THIS AMOUNT						\$ 750.00

Charge the total fee, and any further additional fees, or credit overpayment to Texas Instruments Incorporated, Deposit Account No. 20-0668. [This form is submitted in duplicate].



Abdul Zindani  
Attorney for Applicant  
Reg. No. 46,091

Texas Instruments Incorporated  
P.O. Box 655474, MS 3999  
Dallas, TX 75265  
(972) 917-5137

OCT 24 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Ian J. Sherlock      Attorney Docket No.: TI-33724  
Serial No: 10/033,006      Filed: December 28, 2001  
Art Unit: 2661      Examiner: Michael P. Chuen  
Customer No.: 23494      Conf. No.: 7861  
Title: System and Method for Detecting and Locating Interferers in a Wireless  
Communication System

CERTIFICATION OF FAX TRANSMITTAL

I hereby certify that the above correspondence is being facsimile  
transmitted to the United States Patent and Trademark Office on

*Marianna Smith* 10-24-05  
Marianna Smith      Date

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT PURSUANT TO 37 CFR 1.111

Dear Sir:

This amendment is in response to the Office Action dated September 23, 2005, having a  
statutory period for response set to expire on December 23, 2005.

**Amendments to the Specification** begin on page 2.

**Amendments to Claims** begin on page 3.

**Remarks/Arguments** begin on page 9.

10/25/2005 EFLORES 00000005 200668 10033006

01 FC:1201 600.00 DA  
02 FC:1202 150.00 DA

TI-33724 - 1 -